

1. (Currently Amended) A ~~computer implemented~~ method for identifying objects referenced in a stream of text, the method comprising:
 - receiving an incoming stream of text;
 - tokenizing the stream of text into individual words;
 - constructing word patterns of one or more consecutive words from the stream of text;
 - consulting a semantic network to automatically find a match between one or more word patterns in the incoming stream of text and a word pattern in the semantic network, such that each word in the incoming stream is searched once in the semantic network; and
 - referencing a known object within the semantic network based on an identified word pattern from the stream of text, the known object identified by a word pattern of the semantic network.
2. (Previously presented) The method of claim 1, further comprising loading the semantic network substantially entirely into a common RAM memory space of a processor and wherein the step of consulting the semantic network is conducted by consulting the semantic network within the RAM memory.
3. (Original) The method of claim 1, further comprising dividing the stream of text into a plurality of threads and conducting the step of consulting a semantic network concurrently for words in each of the plurality of threads and further comprising examining groups of words spread over adjacent threads at the boundaries of the threads for word patterns.

4. (Original) The method of claim 1, wherein consulting a semantic network further comprises consulting a semantic network of recognized words and patterns of words in a hierarchical order moving from identified nodes to related nodes linked with the identified nodes.

5. (Original) The method of claim 1, wherein consulting a semantic network further comprises examining words in the stream of text in a sequential order as the words are received and formatting the stream of text to represent identified objects without persistently storing the stream of text.

6. (Previously presented) The method of claim 1, wherein the step of consulting a semantic network further comprises continually adding words of the stream of text to recognized word patterns and comparing the result to other word patterns in the semantic network until no more word patterns containing the individual word are located.

7. (Original) The method of claim 1, further comprising presenting the identified known objects to a user.

8. (Original) The method of claim 7, wherein presenting the identified known objects to a user further comprises providing links between identified word patterns in the stream of text and objects in a knowledge base to which the word patterns identify.

9. (Original) The method of claim 8, wherein providing links between identified word patterns in the stream of text and objects in a knowledge base comprises

displaying the word patterns corresponding to an object as a URL, the URL leading to information related to the object.

10. (Currently Amended) A ~~computer implemented~~ method for identifying objects referenced in a stream of text, the method comprising:

loading a semantic network substantially entirely into a common RAM
memory space of a processor, the semantic network comprised of
recognized words and patterns of words in a hierarchical order;
receiving an incoming stream of text comprised of words;
tokenizing the stream of text into individual words;
examining the individual words in the stream of text in a sequential order
as the words are received by consulting the semantic network
within the RAM memory to automatically identify one or more
word patterns in the incoming stream of text, such that each word
in the incoming stream is searched once in the semantic network
in the order that the individual words are received, examining the
individual words comprising:
finding a match between an individual word in the stream
of text and an identified word in the semantic network and
comparing the individual word and an adjacent word of the stream
of text to a word pattern in the semantic network, and
continually adding words of the stream of text to
recognized word patterns and comparing the result to other word

patterns in the semantic network until no more word patterns containing the individual word are located;
referencing a known object within the semantic network, the known object identified by a word pattern of the semantic network; and
formatting the stream of text to represent identified objects without persistently storing the stream of text.

11-18. (Canceled).